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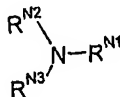
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(54) Title: METHODS OF AMINATION



(57) Abstract: A method of synthesising a compound of formula I: comprising the step of reacting a moiety of formula II: with a moiety of formula III: in compressed carbon dioxide in the presence of a transition metal catalyst and a base, wherein L is a labile leaving group; R<sup>N1</sup> is optionally substituted C<sub>3-20</sub> aryl; R<sup>N2</sup> is selected from optionally substituted C<sub>3-20</sub> aryl, optionally substituted C<sub>3-20</sub> heterocyclyl, optionally substituted C<sub>3-7</sub> alkyl, and optionally substituted sulfonyl; R<sup>N3</sup> is selected from H and optionally substituted C<sub>1-7</sub> alkyl, C<sub>3-20</sub> heterocyclyl and C<sub>5-20</sub> aryl; or R<sup>N2</sup> and R<sup>N3</sup> together with the nitrogen atom to which they are attached form optionally substituted nitrogen-containing C<sub>3-20</sub> heterocyclyl or C<sub>5-20</sub> heteroaryl; and R<sup>1</sup> R<sup>2</sup> and R<sup>3</sup> are independently selected from optionally substituted C<sub>1-7</sub> alkyl, C<sub>5-20</sub> aryl, C<sub>3-20</sub> heterocyclyl, hydroxy, halo, amino and C<sub>1-7</sub> alkoxy, or two of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup>, together with the silicon atom to which they are attached, may form a silicon containing C<sub>5-7</sub> heterocyclyl group.

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